

METHOD AND APPARATUS FOR SECURE COMMUNICATION

Publication number: JP2003501891 (T)

Publication date: 2003-01-14

Inventor(s):

Applicant(s):

Classification:

- International: H04L29/06; H04L9/14; H04W12/00; H04L29/06; H04L9/14; H04W12/00; (IPC1-7): H04L9/14; H04Q7/38

- European: H04L29/06S14D2; H04L29/06S14D4; H04L29/06S8; H04Q7/38S; H04W12/02

Application number: JP20010500524T 20000526

Priority number(s): WO2000SE01093 20000526; US19990136444P 19990528; US20000569768 20000512

Also published as:

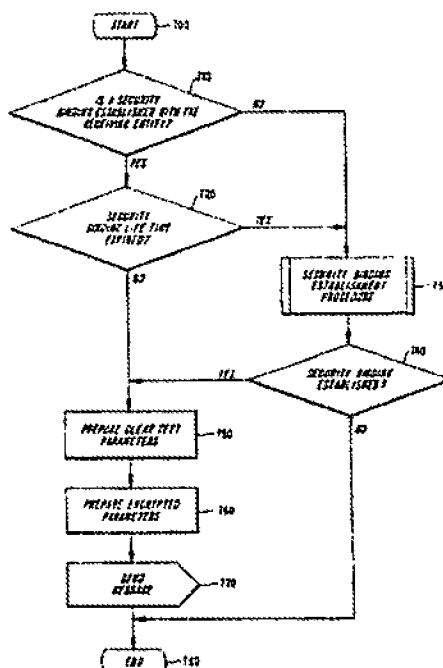
WO0074345 (A1)
US6889328 (B1)
EP1180294 (A1)
CN1365562 (A)
CN1203650 (C)

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Abstract not available for JP 2003501891 (T)

Abstract of corresponding document: WO 0074345 (A1)

Secure communication is provided for entities in one or more networks. It is determined whether security measures needed for the communication exist between the entities. If such measures do not exist, the security measures are established, and the communication is initiated. The security measures include security bindings including information needed for the secure communication. Security measures are established between entities in one or more networks based on predetermined security requirements and on a determined needed security level. The security level needed may be determined based on whether the entities are in the same network or in different networks and/or on the information being transmitted. Security bindings are established between the entities depending on the information to be transmitted and/or the network to which the entities belong. The security bindings include information identifying the security binding, encryption information, authentication information, integrity information, a list of addressees or group of addressees included in the security bindings, and/or information regarding the lifetime of the security bindings. The encryption, authentication, and integrity may be specified at a parameter level.



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